

BACKGROUND PAPER  
OF  
NEW PROGRAM MANAGEMENT DIRECTIVE (PMD)  
FOR THE  
DEFENSE SUPPORT PROGRAM (DSP)

This paper summarizes significant changes and new ADCOM/ADC tasks found in the recently received PMD for DSP, NO: R-8 4047 (18)/128317, dated 28 Oct 80.

Significant Changes:

--- Expanded program objectives to include:

b1

b1

--- Simplified Processing Station (SPS):

--- No longer referred to as a "prototype".

--- Projected to become operational in FY81.

--- SAC will declare IOC when confidence in the system is established.

b1

b1

--- TITAN 3rd/4th Launch Vehicles: assigned to launch DSP flights 10 and 11, in addition to the TITAN IIIC scheduled to launch flight 9 in Feb 81.

--- New Satellite Capabilities: AFSC will evaluate or plan for:

b1

b1

b1

--- Large Processing Station (LPS) Computer Peripherals: AFSC will plan for their replacement.

--- Mobile Ground Terminals (MGTs)

--- AFSC will procure three (pending congressional approval) in FY81 and plan to procure three more in FY82.

--- AFSC will evaluate a satellite commanding and status monitoring capability.

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Baccari, Major                      A/J-304    121    70

For Program Management Directive (PMD) for DDP

18 NOV 1988

1. We have received and reviewed the new PMD for the Defense Support Program (DSP). In attachment 1, we have summarized the significant changes and new ADCCM/ADC tasks. The PMD is at attachment 2; changes the staff initiated are highlighted.

#### RECOMMENDATION

2. Request A/CS approve the OPRs for the following tasks:

- a. Update of ADCCM 55-55: A/J-3
- b. *b1*
- c. Assessment of Advanced Warning System Operational Impacts: A/J-3;  
Development of a System Operational Concept: A/J-5.
- d. Update and Maintenance of the MPT SOC: A/J-5.  
(until Critical Design Review; then A/J-3).

#### ORIGINAL SIGNED

WILLIAM R. KENTY, Colonel USAF  
Asst DCS-Plans Policy Programs  
and Requirements

#### 2 Atch.

1. Background Paper on the DSP PMD
2. PMD No. 2-5 2-6 2-7(13)/22417

(Atch 2 was referred to SAF/  
AADADF for action on 14 Dec 88.)

- SAC will submit MUT funding requirements to support the FY83-87 PDM.
- AFSC must obtain Air Staff and SA7/AL approval HMT Critical Design Review for full production go-ahead of the FY81 MBTs. For approval, they must convince SA7/AL that the MBTs can survive a variety of possible human and technological threats, and assess the magnitude and cost of assuring survival.
- AFSC must assess the impact of adding several capabilities called for in the newly revised MUT System Operational Concept (e.g., making the Mobile Jam-Assistant-Secure-Communications Terminal operationally compatible with the MBT, etc.).
- IOC/POC dates, for planning purposes, have been changed to FY84 and 85, as opposed to FY83 and 84 in the previous PDM.

b1

b1

- Sensor detection capabilities: SAC will provide ADCOM/J-3 with a semi-annual report of each sensor's detection capability for determination of degradation levels.
  - Air Force Budget Estimate Submission (BES), FY82-86: The Sept 80 submission to OSD for the FY82 President's budget shows increases over the FY81 BES of \$81.8M in FY82, \$1.8M in FY83, \$2.3M in FY84, and \$4.8M in FY85.
- Now ADCOM/ADC Tasks:
- ADCOM Tactical Control Doctrine (ADCOM 35-37): ADCOM will update the Tactical Control Doctrine to include all new system upgrades as they become operational.

b1

- Advanced Warning System (DEAR I decision): ADC (and SAC) will assess the operational impacts of the directed data survivability improvements scheduled for satellites 14 through 17. ADC will develop the necessary System Operational Concept (SOC).
- MUT System Operational Concept (SOC): ADC will update the MUT SOC as soon as possible for the deployment of six MBTs and continue to maintain it after Air Staff approval.

ACTION OFFICER: Major Macgarity, USAF, J-SHQ, 2031

AUTHENTICATION: \_\_\_\_\_